

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed March 10, 2002. Claims 1-30 were pending in the Application. In the Office Action, Claims 1-30 were rejected. In order to expedite and advance prosecution of this Application, Applicant amends Claims 1, 12 and 22, and Applicant cancels Claims 7, 17 and 27 without prejudice or disclaimer. Thus, Claims 1-6, 8-16, 18-26 and 28-30 remain pending in the Application. Applicant respectfully requests reconsideration and favorable action in this case.

In the Office Action, the following actions were taken or matters were raised:

SECTION 102 REJECTIONS

Claims 1-30 were rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,427,161 issued to LiVecchi (hereinafter "*LiVecchi*"). Applicant has canceled without prejudice or disclaimer Claims 7, 17 and 27, rendering the rejection of Claim 7, 17 and 27 moot. Applicant respectfully traverses this rejection for remaining Claims 1-6, 8-16, 18-26 and 28-30.

Of the rejected claims, Claim 1, 12 and 22 are independent. Applicant respectfully submits that *LiVecchi* does not disclose or even suggest each and every limitation of amended Claims 1, 12 and 22. For example, independent Claim 1, as amended, recites, "receiving a service request from a client by the socket accept thread," "transferring the request to a data structure," "retrieving the request, by the control thread, from the data structure," "transferring the request to a client thread created by the control thread to process request data associated with the request" and "processing the request data by the client thread" (emphasis added). *LiVecchi* appears to disclose a multithreaded server process having a plurality of worker threads for processing data requests (*LiVecchi*, column 11, lines 1-26, 55-67, column 12, lines 1-35). *LiVecchi* also appears to disclose that in the *LiVecchi* system, there are two groups of worker threads: 1) active threads; and 2) blocked threads (comprised of worker threads not in the first group) (*LiVecchi*, column 7, lines 20-42). *LiVecchi* also appears to disclose a scheduling heuristic to determine whether to unblock a waiting tread to process a data request or wait for a currently-running thread to complete (*LiVecchi*, column 12, line 66

to column 13, line 2). Thus, in *LiVecchi*, there appears to be a finite number of “worker threads” for processing a data request. Accordingly, *LiVecchi* does not appear to disclose or even suggest “creat[ing] a client thread by the control thread to process request data associated with the request” as recited by amended independent Claim 1. Therefore, for at least this reason, Applicant submits that *LiVecchi* does not anticipate amended independent Claim 1.

Independent Claim 12, as amended, recites a server process operable to “receive a service request from a client by the socket accept thread,” “transfer the request to a data structure,” “retrieve the request, by the control thread, from the data structure,” “transfer the request to a client thread created by the control thread to process request data associated with the request” and “process the request data by the client thread” (emphasis added), and independent Claim 22, as amended, recites application software operable to “receive a request from a client by the socket accept thread,” “transfer the request to a data structure,” “retrieve the request, by the control thread, from the data structure,” “transfer the request to a client thread created by the control thread to process request data associated with the request” and “process the request data by the client thread” (emphasis added). At least for the reasons discussed above in connection with independent Claim 1, Applicant respectfully submits that *LiVecchi* does not anticipate independent Claims 12 and 22 as amended.

Claims 2-6, 8-11, 13-16, 18-21, 23-26 and 28-30 that depend respectively from independent Claims 1, 12 and 22 are also not anticipated by *LiVecchi* at least because they incorporate the limitations of respective Claims 1, 12 and 22 and, also, they add additional elements that further distinguish *LiVecchi*. Therefore, Applicants respectfully request that the rejection of Claims 2-6, 8-11, 13-16, 18-21, 23-26 and 28-30 be withdrawn.

CONCLUSION

Applicant has made an earnest attempt to place this case in condition for immediate allowance. For the foregoing reasons and for other reasons clearly apparent, Applicant respectfully requests reconsideration and full allowance of all pending claims.

No fee is believed due with this Response. If, however, Applicant has overlooked the need for any fee due with this Response, the Commissioner is hereby authorized to charge any fees or credit any overpayment associated with this Response to Deposit Account No. 08-2025 of Hewlett-Packard Company.

Respectfully submitted,

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